

SUBSTITUTE SHEET (RULE 26)

INTERNATIONAL SEARCH REPORT

Application No IL2004/000713

			IL2004/000713	
A. CLASSIFI IPC 7	CATION OF SUBJECT MATTER D01H1/10			
According to	international Patent Classification (IPC) or to both national classification	and IPC		
B. FIELDS S				
Minimum doc IPC 7	umentation searched (classification system followed by classification sy DO1H	rmbols)		
Documentation	on searched other than minimum documentation to the extent that such	documents are included in t	he fields searched	
Electronic da	ta base consulted during the international search (name of data base a	nd, where practical, search	terms used)	
EPO-Int	ernal			
C. DOCUME	NTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevan	nt passages	Relevant to claim No.	
х	US 5 085 045 A (TAKEUCHI YUKIO ET 4 February 1992 (1992-02-04)	AL)	1-7,13, 14, 18-22, 26-28, 33-35, 37,38	
Y A	column 4, line 36 - column 6, line figures 1-8		8-12, 15-17,36 23-25, 29-32	
Y	DE 31 50 610 A (STUTTGARTER SPINDER NOVI) 30 June 1983 (1983-06-30) page 14, paragraph 3 - page 15, para 1; figure 11		8-12, 15-17	
	-/ ·			
X Furt	her documents are listed in the continuation of box C.	X Patent family member	rs are listed in annex.	
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document multilished prior to the international filing date but		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the	actual completion of the international search	Date of mailing of the inte	mational search report	
2	21 January 2005	28/01/2005		
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tet. (+31–70) 340–2040, Tx. 31 651 epo nl,	Authorized officer Henningsen	0	
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Application No INL2004/000713

		NE20047 0007 13
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 045 053 A (MURATA MACHINERY LTD) 18 October 2000 (2000-10-18) page 5, paragraph 36 - paragraph 40; figure 1	36
Х	DE 12 25 083 B (DEERING MILLIKEN RES CORP) 15 September 1966 (1966-09-15)	1,18-26
A	column 4, line 1 - column 5, line 39; figures 1-8	2-19, 27-38
X	GB 692 027 A (HOWE TWISTER CORP) 27 May 1953 (1953-05-27) page 6, line 5 - page 9, line 96; figures 1-14	1
X	US 3 377 790 A (GERHARD BROCKEL) 16 April 1968 (1968-04-16) the whole document	1

INTERNATIONAL SEARCH REPORT

Application No iNL2004/000713

	document search report		Publication date		Patent family member(s)		Publication date
US 50	85045	Α	04-02-1992	FR DE	2663048 4018124		13-12-1991 12-12-1991
DE 31	50610	Α	30-06-1983	DE	3150610	A1	30-06-1983
EP 10	45053	A	18-10-2000	JP JP JP JP CN EP	3387444 2000290841 2000290842 2000290843 1269433 1045053	A A A	17-03-2003 17-10-2000 17-10-2000 17-10-2000 11-10-2000 18-10-2000
DE 12	225083	В	15-09-1966	NONE			
GB 69	2027	Α	27-05-1953	NONE			
US 33	377790	Α	16-04-1968	CH GB	427593 1124048	• •	31-12-1966 21-08-1968